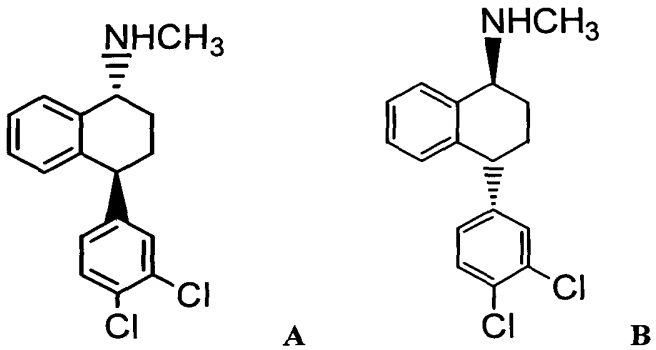
CLAIMS

1. A method for treating an anxiety disorder in a human, the method comprising administering to a person in need of therapy for an anxiety disorder, a therapeutically effective amount of a compound chosen from (1*R*,4*S*)-*trans* 4-(3,4-dichlorophenyl)-1,2,3,4-tetrahydro-*N*-methyl-1-napthalenamine (**A**); (1*S*,4*R*)-*trans* 4-(3,4-dichlorophenyl)-1,2,3,4-tetrahydro-*N*-methyl-1-napthalenamine (**B**) ;

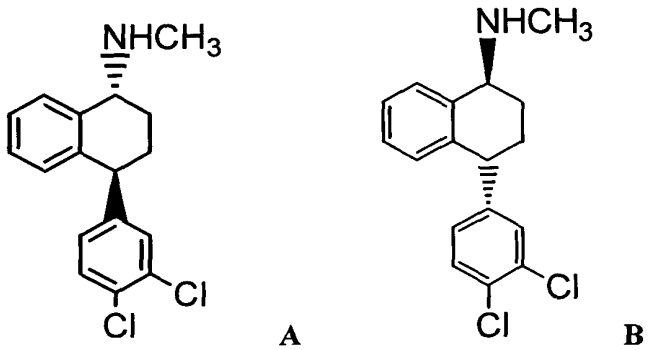


A **B**

mixtures of A and B; and pharmaceutically acceptable salts thereof.

2. The method according to claim 1, wherein the anxiety disorder is chosen from agoraphobia, generalized anxiety disorder, phobic anxiety, obsessive-compulsive disorder (OCD), panic disorder, acute stress disorder, posttraumatic stress disorder, premenstrual syndrome, social phobia, chronic fatigue disorder, perimenopause, menopause and male menopause.

3. A method for treating an eating disorder in a human, the method comprising administering to a person a need of therapy for an eating disorder, a therapeutically effective amount of a compound chosen from (1*R*,4*S*)-*trans* 4-(3,4-dichlorophenyl)-1,2,3,4-tetrahydro-*N*-methyl-1-napthalenamine (**A**); (1*S*,4*R*)-*trans* 4-(3,4-dichlorophenyl)-1,2,3,4-tetrahydro-*N*-methyl-1-napthalenamine (**B**);

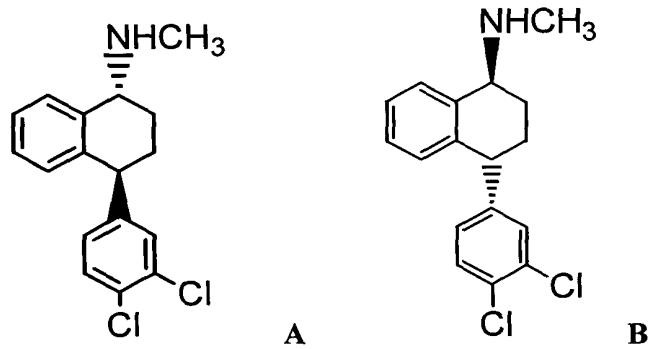


A **B**

mixtures of A and B; and pharmaceutically acceptable salts thereof.

4. The method according to claim 3, wherein the eating disorder is chosen from anorexia nervosa, bulimia nervosa, obesity and cachexia.

5. A method for treating a condition chosen from disruptive behavior disorders, substance abuse and cerebral function disorders and disorders characterized by non-urge and urge incontinence in a human, the method comprising administering to a person in need of therapy for the chosen condition, a therapeutically effective amount of a compound chosen from (1*R*,4*S*)-*trans* 4-(3,4-dichlorophenyl)-1,2,3,4-tetrahydro-*N*-methyl-1-napthalenamine (**A**); (1*S*,4*R*)-*trans* 4-(3,4-dichlorophenyl)-1,2,3,4-tetrahydro-*N*-methyl-1-napthalenamine (**B**);

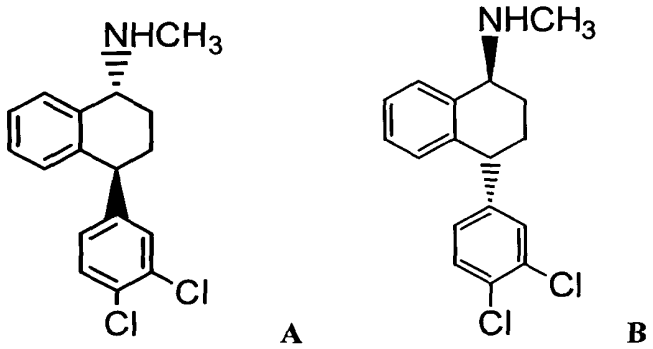


A **B**

mixtures of A and B; and pharmaceutically acceptable salts thereof.

6. A method for the prophylaxis of migraine in a human, the method comprising administering to a person at risk or in need of therapy for a migraine, a

therapeutically effective amount of a compound chosen from (1*R*,4*S*)-*trans* 4-(3,4-dichlorophenyl)-1,2,3,4-tetrahydro-*N*-methyl-1-napthalenamine (**A**); (1*S*,4*R*)-*trans* 4-(3,4-dichlorophenyl)-1,2,3,4-tetrahydro-*N*-methyl-1-napthalenamine (**B**) ;



A **B**

mixtures of A and B; and pharmaceutically acceptable salts thereof.

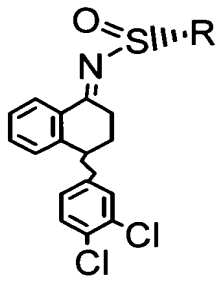
7. A process for preparing 4-(3,4-dichlorophenyl)-1,2,3,4-tetrahydro-*N*-methyl-1-napthalenamine comprising:

(a) reacting 4-(3,4-dichlorophenyl)-3,4-dihydro-1-naphthalenone with an excess of formic acid and formamide to provide *N*-[4-(3,4-dichlorophenyl)-1,2,3,4-tetrahydronaphthalen-1-yl]formamide; and

(b) reducing the *N*-[4-(3,4-dichlorophenyl)-1,2,3,4-tetrahydronaphthalen -1-yl]formamide with a hydride reducing agent.

8. The process according to claim 7, wherein the hydride reducing agent is borane.

9. A compound of the formula:



, wherein R is  , and R^1, R^2 and R^3 are each independently alkyl.

10. A compound according to claim 9, wherein R is *t*-butyl.